CLAIM AMENDMENTS:

Claim 1 (currently amended): 1. A method of making a sample tube especially to receive a biological sample, comprising the steps of:

injection molding an intermediate tube in one piece with a cylindrical wall and an intermediate bottom spaced between ends thereof; ~~and~~

heating an end of said intermediate tube and pressing edges of said end inwardly toward an axis of said intermediate tube to thermally reform said tube and provide at least a partial bottom end for the sample tube; and

rounding the bottom end of the sample tube outside an injection mold in which said tube is formed by pressing a heated stamp thereagainst to cause said bottom end of said sample tube to be shaped to a concavity of a concave recess of said stamp..

Claim 2 (original): The method defined in claim 1 wherein said intermediate bottom is given a conical shape during the injection molding thereof.

Claim 3 (cancelled).

Claim 4. (Currently Amended): The method defined in claim ~~3~~ 1 wherein the bottom of said sample tube is only partly closed by said stamp.

5. (Original): The method defined in claim 4 wherein said stamp heats said intermediate tube to a temperature at least equal to the flow temperature of a thermoplastic synthetic resin constituting said intermediate tube.

Claim 6. (withdrawn): A sample tube composed in one piece of thermoplastic synthetic resin and having a cylindrical wall, an intermediate bottom between ends of the tube molded in one piece with said wall and inwardly turned portions at a bottom of the sample tube extending toward an axis of said sample tube.

Claim 7. (withdrawn): The sample tube defined in claim 6 wherein said intermediate bottom is of conical shape.

Claim 8. (withdrawn): The sample tube defined in claim 7 wherein the bottom of said sample tube is rounded and is outwardly convex.

Claim 9. (withdrawn): The sample tube defined in claim 8 wherein the bottom of said sample tube is only partly closed.